

INVITATION TO BID	CITY OF BATON ROUGE PARISH OF EAST BATON ROUGE PURCHASING DIVISION	RESPONSES MUST BE RECEIVED BY: April 26, 2022 11:00 AM CST
TITLE: M2667 DRONE & ACCESSORIES	RETURN BID TO: PURCHASING DIVISION	
FILE NO: 22-02667 REQ NO: 2667 AD DATES: 04/08/22 & 04/15/22	Mailing Address: PO Box 1471 Baton Rouge, LA 70821 Physical Address: 222 St. Louis Street 8 th Floor Room 826 Baton Rouge, LA 70802 *****NOTE: U.S. Postal Regular & Expedited Mail do not deliver to our physical address; delays may occur due to City Parish Mailroom processing	
SHIP TO ADDRESS: POLICE – AIR SUPPORT 9000 Airline Highway – Inside Delivery Baton Rouge, LA 708015	Contact Regarding Inquiries: Purchasing Analyst : Dexter Stewart Telephone Number: 225-389-3259 x 3264 Email: dsstewart@brla.gov	
VENDOR NAME	MAILING ADDRESS	
REMIT TO ADDRESS	CITY, STATE, ZIP	
TELEPHONE NO. FAX NO.	E-MAIL	
FEDERAL TAX ID OR SOCIAL SECURITY NUMBER	TITLE	
AUTHORIZED SIGNATURE (Required)	PRINTED NAME	

QUESTIONS TO BE COMPLETED BY VENDOR:

1. _____ STATE DELIVERY DAYS MAXIMUM AFTER RECEIPT OF ORDER
2. _____ % discount for payment made within 30 days. Discount for payment made in less than 30 days, or less than 1%, or applicable to an indefinite quantity contract will be accepted but not an award consideration.
3. _____ STATE ENUMERATED ADDENDA RECEIVED (IF ANY)

F.O.B.: DESTINATION - PAYMENT TERMS: NET 30

ALL BLANKS ON THIS PAGE SHOULD BE COMPLETED TO AVOID REJECTION OF BID

The signature on this document certifies that proposer has carefully examined the instructions to bidders, terms and specifications applicable to, and made a part of this solicitation. By submission of this document, proposer further certifies that the prices shown are in full compliance with the conditions, terms and specifications of this solicitation. **Bid must be signed in the designated space above and by person authorized to sign for bidder.**

No alterations, changes or additions are allowed on this solicitation, and no additional information, clarifications or other documents are to be included unless specifically required by the specification. Any errors in extensions of prices will be resolved in favor of unit prices submitted.

If services are to be performed in East Baton Rouge City-Parish, evidence of a current occupational license and/or permit issued by the City-Parish shall be supplied by the successful vendor, if applicable.

INSTRUCTIONS TO BIDDERS / TERMS & CONDITIONS - SEALED BIDS

Bidders are urged to promptly review the requirements of this specification and submit questions for resolution as early as possible during the bid period. Questions or concerns must be submitted in writing to the purchasing division during the bid period. Otherwise, this will be construed as acceptance by the bidders that the intent of the specifications is clear and that competitive bids may be obtained as specified herein. Protests with regard to the specification documents will not be considered after bids are opened.

1. Read the entire bid, including all terms and conditions and specifications.
2. Bids are mailed only as a courtesy. The City - Parish does not assume responsibility for failure of bidders to receive bids. Bidders should rely only on advertisements in the local newspaper, and should personally pick up bids and specifications. Full information may be obtained, or any questions answered, by contacting the Purchasing Division, 222 Saint Louis Street, 8th Floor, Room 826, Baton Rouge, LA 70802 or by calling (225) 389-3259.
3. The bid number, bidder's name, address and bid opening date should be clearly printed or typed on the outside of the bid envelope. Only one bid will be accepted from each bidder for the same job. Alternates will not be accepted unless specifically requested in the proposal. Submission of more than one bid or alternates not requested may be grounds for rejection of all bids by the bidder.
4. The method of delivery of bids is the responsibility of the bidder. All bids must be received by the Purchasing Division on or before the specified bid opening date and time. Late bids will not be considered under any circumstances.
5. Failure to deliver within the time specified in the bid will constitute a default and may cause cancellation of the contract. Where the city has determined the contractor to be in default, the city reserves right to purchase any or all products or services covered by the contract on the open market and to charge the contractor with cost in excess of the contract price. Until such assessed charges have been paid, no subsequent bid from the defaulting contractor will be considered.
6. The City Parish specifically reserves the right to evaluate bids and award items separately, grouped or on an all or none basis, to accept the bid which is in the best interest of the City parish, and to reject all proposals if that is in the best interest of the City Parish.
7. Except for bids submitted through the www.centralauctionhouse.com on-line bidding site, bids shall be accepted only on proposal forms furnished by the City of Baton Rouge and Parish of East Baton Rouge Purchasing Division. Altered or incomplete bids (including non-acknowledgement of addenda issued, if any), or the use of substitute forms or documents, shall render the bid non-responsive and subject to rejection.
8. All bids must be typed or written in ink. Any erasures, strikeover and/or changes to prices should be initialed by the bidder. Failure to initial may be cause for rejection of the bid as non-responsive.
9. All bids must be manually signed by a properly authorized party. Failure to do so shall cause the bid to be rejected as non-responsive.
10. Where one or more vendor's exact products or typical workmanship is designated as the level of quality desired or equivalent, the Purchasing Division reserves the right to determine the acceptability of any equivalent offered.
11. Detailed factory specifications, illustrative literature and any deviations should be submitted with bid as required by the specifications or on the bid form. Representative samples shall be submitted upon request, if appropriate. Bidders proposing an equivalent brand or model should submit with the bid information (such as illustrations, descriptive literature, and technical data) sufficient for the City to evaluate quality, suitability, and compliance with the specifications in the solicitation.

12. Written addenda issued prior to bid opening which modifies the bid shall become a part of the bid, and shall be incorporated within the purchase order and/or contract. Only a written interpretation or correction by Addendum shall be binding. Bidders shall not rely upon any interpretation or correction given by any other method. Failure to acknowledge receipt of addenda (if any) shall render the bid non-responsive and subject to rejection.
13. For Printing solicitations, artwork, dies and/or molds shall become the property of the City - Parish Government and must be returned to the Purchasing Division, 222 Saint Louis Street, 8th Floor, Room 826, Baton Rouge, LA 70802, upon completion of the order.
14. All applicable chemicals, herbicides, pesticides and hazardous materials must be registered for sale in Louisiana by the Department of Agriculture, State of Louisiana, registered with the EPA and must meet all requirements of Louisiana State Laws. Bidders must submit product label, material safety data sheet and EPA registry number with bid. This information will be required on any subsequent deliveries if there is a change in chemical content or a different product is being supplied. Failure to submit this data may be cause for the bid to be rejected or the contract canceled.
15. Delivery of items must be made on time to City - Parish final destinations within East Baton Rouge Parish. All freight charges shall be prepaid by vendor. Late deliveries or unsatisfactory performance may be cause to cancel the Purchase Order or contract.
16. The State of Louisiana Code of Governmental Ethics places restrictions on awarding contracts or purchase orders to persons who are employed by any agency of the City - Parish Government, or any business of which he or his spouse has more than a twenty-five percent (25%) interest. The Code also prescribes other restrictions against conflict of interest and establishes guidelines to assure that appropriate ethical standards are followed. If any question exists regarding potential violation of the Code of Ethics, bidders should contact the Purchasing Division prior to submission of the bid. Any violation of the Code of Ethics shall be grounds for disqualification of bid or cancellation of contract.
17. All Prices bid shall remain in effect for a period of at least sixty (60) days. City - Parish purchases are excluded from state and local taxes.
18. Acceptance of award by vendor, either in writing or by shipment of any article described herein, shall effectuate a contract between City - Parish and vendor for the materials described herein, and no additional conditions or amendments shall have any effect unless approved in writing by City - Parish.
19. Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Information pertaining to completed files may be secured by visiting the EBR City Parish Purchasing office during normal working hours.
20. The City - Parish is an equal opportunity employer, and does not discriminate against anyone on the basis of race, sex, creed, color, religion, national origin, ancestry, reprisal, disability, sexual orientation, marital status or political affiliation.
21. In accordance with Louisiana Revised Statutes, a preference may be allowed for equivalent products produced, manufactured or grown in Louisiana and/or firms doing business in the State of Louisiana. Do you claim this preference if allowed? YES ____ NO _____. If this preference is claimed, attach substantiating information to the proposal to show the basis for the claim.
22. Right To Audit Clause: The Contractor shall permit the authorized representative of the City-Parish to periodically inspect and audit all data and records of the Contractor relating to his performance under this contract.

23. Terms and Conditions: This solicitation contains all terms and conditions with respect to the purchase of the goods and/or services specified herein. Submittal of any contrary terms and conditions may cause your bid to be rejected. By signing and submitting a bid, vendor agrees that contrary terms and conditions which may be included in their bid are nullified; and agrees that this contract shall be construed in accordance with this solicitation and governed by the laws of the State of Louisiana as required by Louisiana Law.
24. In accordance with the provisions of LA. R.S. 38:2212.9, in awarding contracts after August 15, 2010, any public entity is authorized to reject the lowest bid from, or not award the contract to, a business in which any individual with an ownership interest of five percent or more has been convicted of, or has entered a plea of guilty or **Nolo Contendere** to any state felony crime or equivalent federal felony crime committed in the solicitation or execution of a contract or bid awarded under the laws governing public contracts under the provisions of Chapter 10 of this Title, professional, personal, consulting, and social services procurement under the provisions of Chapter 16 of Title 39 of the Louisiana Revised Statutes of 1950, or the Louisiana Procurement Code under the provisions of Chapter 17 of Title 39 of the Louisiana Revised Statutes of 1950.
25. Certification of no suspension or debarment. By signing and submitting any bid for \$25,000 or more, the bidder certifies that their company, any subcontractors, or principals are not suspended or debarred by the general services administration (GSA) in "Audit Requirements In subpart F of the Office of Management and Budget's uniform administrative requirements, cost principles, and audit requirements for federal awards" (Formerly OMB circular a-133).
- A list of parties who have been suspended or debarred can be viewed via the internet at <http://www.sam.gov>.
26. Bid prices shall include delivery of all items F.O.B. destination or as otherwise provided. Bids containing "Payment in Advance" or "C.O.D. requirements may be rejected. Payment is to be made within 30 days after receipt of properly executed invoice or delivery, whichever is later.
27. Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Bids may be examined within 72 hours after bid opening. Information pertaining to completed files may be secured by visiting the Purchasing Division during normal working hours. Written bid tabulations may be accessed at: <http://city.brla.gov/dept/purchase/bidresults.asp>.
28. Contractor agrees, upon receipt of written notice of a claim of a claim or action, to defend the claim or action, or take other appropriate measure, to indemnify, and hold harmless, the city, its agents and employees from and against all claims and actions for bodily injury, death or property damages caused by fault of the contractor, its officers, its agents, or its employees. Contractor is obligated to indemnify only to the extent of the fault of the contractor, its officers, its agents, or its employees, however the contractor shall have no obligation as set forth with respect to any claim or action from bodily injury, death or property damages arising out of the fault of the City, its officers, its agents, or its employees.
29. In accordance with Louisiana Law (R.S. 12:262.1 and 12:1308.2), all corporations and limited liability companies must be in good standing with the Louisiana Secretary of State at the time of execution of the contract.
30. Vendors submitting signed bids agree to EEOC compliance and certify that they agree to adhere to the mandates dictated by Title VI and VII of the Civil Right Act of 1964, as amended by the Equal Opportunity Act of 1972, Federal Executive Order 11246, the Federal Rehabilitation Act of 1973, as amended, the Vietnam Era Veteran's Readjustment Assistance Act of 1974, Title IX of the Education Amendments of 1972, the Age Act of 1975, and agrees to abide by the requirements of the Americans with Disabilities Act of 1990.

Bidders must agree to keep informed of and comply with all federal, state and local laws, ordinances and regulations which affect their employees or prospective employees.

31. The City of Baton Rouge, Parish of East Baton Rouge launched a new Enterprise Resource Planning (ERP) system, Vendor Self Service (VSS) via Munis. VSS replaced the legacy vendor database and will be used by all departments and agencies citywide.

Vendor Self-Service (VSS) enables vendors to register and maintain information about their organization for the purpose of doing business with City-Parish and receive notifications of business opportunities. The City-Parish procurement activities are subject to the State of Louisiana Public Bid Law, local city-parish ordinances as well as applicable federal statutes as directed by grant providers. Vendors must be registered to receive bid notifications.

New vendors or existing vendors who need to create a VSS account can do so clicking the Registration link at <http://brla.gov/vss>. Vendors are encouraged to review the step by step <https://www.brla.gov/DocumentCenter/View/4899/Vendor-Self-Service-Registration-Guide-PDF> before beginning the registration process which may be assessed at <https://www.brla.gov/DocumentCenter/View/4899/Vendor-Self-Service-Registration-Guide-PDF>.

Additional information regarding how to do business with EBR City-Parish is available at: <https://www.brla.gov/DocumentCenter/View/678>.

We also post our scheduled bid openings, as well as unofficial bid tabulations after the bids have opened at <http://city.brla.gov/dept/purchase/bids.asp>.

Note: Commodity codes are required for setting up your profile. These numbers tell us what commodities and services that you can provide. When agencies request products or services, our buyers pull directly from these numbers to send out solicitations, bids, and quotes. The first 3 numbers are the class numbers; the subclasses are two digit numbers that better describe the commodity or service. For questions regarding commodity codes, please contact purchasing at (225) 389-3259 Ext 0.

Important! - A W-9 Form is required in order to do business with City-Parish. Part of the online enrollment process requires you to upload a completed W-9 form. Please have the completed form in an electronic format so that you can submit it as part of the registration process. The W-9 form can be downloaded from the IRS website. We have created step by step directions on how to properly complete the W-9 Form.

FEDERAL CLAUSES, IF APPLICABLE

I. Remedies for Breach

Bidder acknowledges that contracts in excess of the simplified purchase threshold (\$150,000.00) shall contain provisions allowing for administrative, contractual, or legal remedies for contractor breaches of the contract terms, and shall provide for such remedial actions as appropriate.

II. Termination and Settlement

Bidder acknowledges that contracts in excess of \$10,000.00 shall contain termination provisions including the manner in which termination shall be effected and the basis for settlement. In addition, such provisions shall describe conditions for termination due to fault and for termination due to circumstances outside of the contractors' control.

III. Access to Records

Bidder acknowledges that all contracts (except those for less than the small purchase threshold) shall include provisions authorizing the recipient, US Funding Agency, the Comptroller General, or any of their duly authorized representatives access to all books, documents, papers, and records of the contractor which are directly pertinent to a specific program for the purpose of making audits, examinations, excerpts, and transcriptions.

IV. Equal Employment Opportunity

Bidder acknowledges that all contracts shall contain provisions requiring compliance with

E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11236 Relating to Equal Employment Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Dept. of Labor.

V. Copeland "Anti-Kickback" Act

Bidder acknowledges that all construction/repair contracts and sub-grants in excess of \$2,000 shall include provisions requiring compliance with the Copeland "Anti-kickback" Act (18 U.S.C. §3141-3148), which provides that each contractor or sub-recipient shall be prohibited from inducing any person employed in the construction, completion, or repair of public work, to give up any part of the entitled.

VI. Davis-Bacon Act

Bidder acknowledges that all construction contracts in excess of \$2,000 shall include a provision for compliance with the Davis-Bacon Act, which requires contractors to pay laborers and mechanics wages at a rate not less than the minimum wages specified in a wage determination made by the Secretary of Labor. Additionally, contractors shall be required to pay wages not less than once a week.

VII. Contract Work Hours and Safety Standards Act

Bidder acknowledges that all construction contracts in excess of \$2,000, and all other contracts involving the employment of mechanics or laborers in excess of \$2,500 shall include provisions for compliance with sections 102 and 107 of the Contract Work Hours and Safety Standards Act, which requires each contractor to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and one-half times the basic rate of pay for all hours worked in excess of 40 hours. Section 107 is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions that are unsanitary, hazardous, or dangerous.

VIII. Rights to Inventions Made Under a Contract or Agreement

Bidder acknowledges that contracts for the performance of experimental, developmental, or research work shall include provisions providing for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and the Small Business Firms Under Governments Grants, Contracts, and Cooperative Agreements"

IX. Clean Air Act

Bidder acknowledges that the Clean Air Act (CAA) is the comprehensive federal law regulating air emissions from stationary and mobile sources. Among other things, this law authorizes EPA to establish National Ambient Air Quality Standards (NAAQS) to protect public health and public welfare and to regulate emissions of hazardous air pollutants

X. Clean Water Act.

The contractor hereby agrees to adhere to the provisions which require compliance with all applicable Standards, orders, or requirements issued under section 508 of the clean water act which prohibits the use under non-exempt Federal contracts, grants or loans of facilities included on the EPA list of violating facilities

XI. Energy policy and conservation act

The contractor hereby recognizes the mandatory standards and policies relating to energy Efficiency which is contained in the state energy conservation plan issued in compliance with the energy policy and Conservation act (P.L. 94-163).

Bidders must agree to keep informed of and comply with all federal, state and local laws, ordinances and regulations which affect their employees or prospective employees.

INQUIRY PERIOD

An inquiry period is hereby firmly set for all interested bidders to perform a detailed review of the bid documents and to submit any written questions relative thereto. Without exception, all questions must be in writing and received **by 5:00 p.m. C.S.T. on March 19, 2022.** Inquiries shall not be entertained thereafter. Inquiries are to be directed as follows:

Hand Delivered or by Courier

Dexter Stewart, Purchasing Analyst
City-Parish Purchasing Department
222 St. Louis Street, Room 826
Baton Rouge, LA 70802

Delivery by United States Postal Services

Dexter Stewart, Purchasing Analyst
City-Parish Purchasing Department
P. O. Box 1471
Baton Rouge, LA 70821

By email: dsstewart@brla.gov

The City-Parish shall not and cannot permit an open-ended inquiry period, as this creates an unwarranted delay in the procurement cycle and operations of our departments. The City-Parish reasonably expects and requires *responsible and interested* proposers to conduct their in-depth proposal review and submit inquiries in a timely manner.

An Addendum will be sent out no later than 3 days prior to the deadline for receiving quotes, for all questions submitted in writing by the close of the inquiry period.

Teleconference Call-in information for Public Access to Bid Opening:

Any vendor who would like to listen to the opening of this bid can access the following link, at the date and time of this bid opening:

Join by phone:

+1-408-418-9388 United States Toll

Access code: 263 373 080 (followed by the # button)

Alternate numbers to call if number above is not available, which may occur due to network traffic (use the same Access Code, followed by the # button):

United States Toll (Boston) +1-617-315-0704

United States Toll (Chicago) +1-312-535-8110

United States Toll (Dallas) +1-469-210-7159

United States Toll (Denver) +1-720-650-7664

United States Toll (Jacksonville) +1-904-900-2303

United States Toll (Los Angeles) +1-213-306-3065

PRICING

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The brand and model used in this specification is used only to denote the general style, type, character and quality standard of the supplies requested. Please note the brand and model that you are bidding in the designated spaces provided. If bidding other than specified, sufficient information should be enclosed with the bid to in order to determine quality, suitability, compatibility and compliance with the specifications.

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
0001	DRONE (Model: Matrice 300 RTK Drone or Approved Equal) per Specifications BRAND / MODEL BID: _____	1	Each	\$_____	\$_____
0002	CAMERA (Model DJI Zenmuse H20N Camera or Approved Equal) per Specifications BRAND / MODEL BID: _____	1	Each	\$_____	\$_____
0003	SMART REMOTE CONTROLLER PLUS (Model: DJI MATRICE 30 or Approved Equal) per Specifications BRAND / MODEL BID: _____	3	Each	\$_____	\$_____
0004	RADAR (Model: DJI Matrice 300 RTK CSM Radar / SKU: S-DJI-M300-CSMR or Approved Equal) per Specifications BRAND / MODEL BID: _____	1	Each	\$_____	\$_____
0005	SPOTLIGHT (Model: CZI GL60 Plus Spotlight for Matrice 300 or Approved Equal) per Specifications BRAND / MODEL BID: _____	2	Each	\$_____	\$_____
0006	COMPREHENSIVE PROTECTION PLUS (Model: DJI Care Enterprise for Matrice 300 AND ZENMUSE H20N Components or Approved Equal) per Specifications BRAND / MODEL BID: _____	1	Each	\$_____	\$_____
0007	CASE (Model: Unmanned Vehicle Technologies for Matrice 300 Components or Approved Equal) per Specifications BRAND / MODEL BID: _____	1	Each	\$_____	\$_____

PRICING


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ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
0008	INTELLIGENT FLIGHT BATTERY (Model Matrice 300 Series TB60 or Approved Equal) BRAND / MODEL BID: _____	22	Each	\$_____	\$_____
0009	INTELLIGENT BATTERY STATION (Model Matrice 300 Series BS60 or Approved Equal) BRAND / MODEL BID: _____	1	Each	\$_____	\$_____
0010	EXTERNAL INTELLIGENT BATTERY (Model WB37 or Approved Equal) per Specifications BRAND / MODEL BID: _____	6	Each	\$_____	\$_____
0011	FOLDING PROPELLER PAIR (Model DJI Matrice 300 2110 or Approved Equal) per Specifications _____	8	Each	\$_____	\$_____
TOTAL					\$_____

SPECIFICATIONS

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0001	DRONE (Model: Matrice 300 RTK Police kit or Approved Equal)  BRAND / MODEL BID: <hr/> AIRCRAFT <ul style="list-style-type: none"> • Dimensions <ul style="list-style-type: none"> Unfolded, propellers excluded, 810×670×430 mm (L×W×H) Folded, propellers included, 430×420×430 mm (L×W×H) • Diagonal Wheelbase <ul style="list-style-type: none"> 95 mm • Weight (with single downward gimbal) <ul style="list-style-type: none"> Approx. 3.6 kg (without batteries) Approx. 6.3 kg (with two TB60 batteries) • Single Gimbal Damper's Max Payload <ul style="list-style-type: none"> 930g • Max Takeoff Weight <ul style="list-style-type: none"> 9 kg • Operating Frequency <ul style="list-style-type: none"> 2.4000-2.4835 GHz 5.725-5.850 GHz • EIRP <ul style="list-style-type: none"> 2.4000-2.4835 GHz: <ul style="list-style-type: none"> 29.5 dBm (FCC); 18.5dBm (CE); 18.5 dBm (SRRC); 18.5dBm (MIC); 5.725-5.850 GHz:; 28.5 dBm (FCC); 12.5dBm (CE); 28.5 dBm (SRRC) • Hovering Accuracy (P-mode with GPS) <ul style="list-style-type: none"> Vertical: <ul style="list-style-type: none"> ±0.1 m (Vision System enabled) ±0.5 m (GPS enabled) ±0.1 m (RTK enabled) Horizontal: <ul style="list-style-type: none"> ±0.3 m (Vision System enabled) ±1.5 m (GPS enabled) ±0.1 m (RTK enabled) 			

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		Yes	No	
0001 (continued)	DRONE (Model: Matrice 300 RTK Police Kit or Approved Equal)			
<u>AIRCRAFT (continued)</u> <ul style="list-style-type: none"> RTK Positioning Accuracy When RTK enabled and fixed: 1 cm+1 ppm (Horizontal) 1.5 cm + 1 ppm (Vertical) Max Angular Velocity Pitch: 300°/s, Yaw: 100°/s Max Pitch Angle 30° (P-mode, Forward Vision System enabled: 25°) Max Ascent Speed S mode: 6 m/s P mode : 5 m/s Max Descent Speed (vertical) S mode: 5 m/s P mode : 4 m/s Max Descent Speed (tilt) S Mode: 7 m/s Max Speed S mode: 23 m/s P mode : 17 m/s Service Ceiling Above Sea Level 5000 m (with 2110 propellers, takeoff weight ≤ 7 kg) / 7000 m (with 2195 propellers, takeoff weight ≤ 7 kg) Max Wind Resistance 15 m/s (12 m/s when taking off or landing) Max Flight Time 55 min Supported DJI Gimbals Zenmuse XT2/XT S/Z30/H20/H20T/DJI P1/DJI L1 Supported Gimbal Configurations Single Downward Gimbal, Dual Downward Gimbals, Single Upward Gimbal, Upward and Downward Gimbals, Triple Gimbals Ingress Protection Rating IP45 GNSS GPS+GLONASS+BeiDou+Galileo Operating Temperature 20°C to 50°C (-4°F to 122° F) 				

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		Yes	No	
0001 (continued)	DRONE (Model: Matrice 300 RTK Police Kit or Approved Equal)			
<u>REMOTE CONTROLLER</u> <ul style="list-style-type: none"> Operating Frequency 2.4000-2.4835 GHz 5.725-5.850 GHz Max Transmitting Distance (unobstructed, free of interference) NCC/FCC: 15 km CE/MIC: 8 km SRRC: 8 km EIRP 2.4000-2.4835 GHz: 29.5 dBm (FCC) 18.5dBm (CE) 18.5 dBm (SRRC); 18.5dBm (MIC) 5.725-5.850 GHz: 28.5 dBm (FCC); 12.5dBm (CE) 20.5 dBm (SRRC) External battery Name: WB37 Intelligent Battery Capacity: 4920 mAh Voltage: 7.6V Type: LiPo Energy: 37.39Wh Charging time (using BS60 Intelligent Battery Station): 70 minutes (15°C to 45°C); 130 minutes (0°C to 15°C) Built-in battery Type: 18650 lithium ion battery (5000 mAh @ 7.2 V) Charging: Use a USB charger with specification of 12V / 2A Rated power: 17 W Charging time: 2 hours and 15 minutes (Using a USB charger with specification of 12V / 2A) Battery Life Built-in battery: Approx. 2.5h Built-in battery+External battery: Approx. 4.5h USB Power Supply 5 V / 1.5 A Operating Temperature -20°C to 40°C (-4 °F to 104 °F) 				

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0001 (continued)	DRONE (Model: Matrice 300 RTK Police Kit or Approved Equal)			
<u>VISION SYSTEM</u> <ul style="list-style-type: none"> Obstacle Sensing Range Forward/Backward/Left/Right: 0.7-40m Upward/Downward: 0.6-30m FOV Forward/Backward/Downward: 65° (H), 50° (V) Left/Right/Upward: 75°(H), 60°(V) Operating Environment Surfaces with clear patterns and adequate lighting (> 15 lux) 				
<u>INFRARED ToF SENSING SYSTEM</u> <ul style="list-style-type: none"> Obstacle Sensing Range 0.1-8m FOV 30° (±15°) Operating Environment Large, diffuse and reflective obstacles (reflectivity >10%) 				

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0001 (continued)	<p>DRONE (Model: Matrice 300 RTK Police Kit or Approved Equal)</p> <p><u>TOP AND BOTTOM AUXILIARY LIGHT</u></p> <ul style="list-style-type: none"> Effective lighting distance 5 m <p><u>FPV CAMERA</u></p> <ul style="list-style-type: none"> Resolution 960p FOV 145° Frame rate 30 fps <p><u>INTELLIGENT FLIGHT BATTERY</u></p> <ul style="list-style-type: none"> Capacity 5935 mAh Voltage 52.8 V Battery Type LiPo 12S Energy 74 Wh Net Weight Approx. 1.35 kg Operating Temperature -4°F to 122°F (-20°C to 50°C) Ideal storage temperature 71.6°F to 86°F (22°C to 30°C) Charging Temperature -4°F to 104°F (-20°C to 40°C) (When the temperature is lower than 5°C, the self-heating function will be automatically enabled. Charging in a low temperature may shorten the lifetime of the battery) Charging time Using BS60 Intelligent Battery Station: 220V input: 60 minutes (fully charging two TB60 batteries), 30 minutes (charging two TB60 batteries from 20% to 90%) 110V input: 70 minutes (fully charging two B60 batteries), 40 minutes (charging two TB60 batteries from 20% to 90%) 			


SPECIFICATIONS

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0001 (continued)	DRONE (Model: Matrice 300 RTK Police Kit or Approved Equal)			
<u>BS60 INTELLIGENT BATTERY STATION</u>				
<ul style="list-style-type: none"> • Dimensions 501*403*252mm • Net Weight 8.37kg • Maximum Capacity TB60 Intelligent Flight Battery x 8 WB37 Intelligent Battery x 4 • Input 100-120 VAC, 50-60 Hz / 220-240 VAC, 50-60 Hz • Max. Input Power 1070W Output Power 100-120 V: 750 W 220-240 V: 992 W • Operating Temperature -4°F to 104°F (-20°C to 40°C) 				

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0002	CAMERA (Model: DJI Zenmuse H20N or Approved Equal)			
<div style="text-align: center;">  </div> <p>BRAND / MODEL BID:</p> <hr/> <p><u>GENERAL</u></p> <ul style="list-style-type: none"> • Dimensions: 78x135x161 mm • Weight: 878±5 g • Protection Rating: IP44 • Laser Safety: Class 1M (IEC 60825-1:2014) • Supported Aircraft: Matrice 300 RTK <p><u>GIMBAL</u></p> <ul style="list-style-type: none"> • Angular Vibration Range: ±0.01° • Mount: Detachable <p><u>ZOOM CAMERA</u></p> <ul style="list-style-type: none"> • Sensor: 1/1.8" CMOS; Effective Pixels: 4M • Lens: Focal Length: 6.8-119.9 mm (equivalent: approximately 32.7-574.5 mm) • Lens: Aperture: f/2.8-f/11 (day); f/1.6-f/11 (night) • LensFocus: 1 m to ∞ (wide); 8 m to (tele) <p><u>WIDE CAMERA</u></p> <ul style="list-style-type: none"> • Sensor: 1/2.7" CMOS; Effective Pixels: 2M • Lens: DFOV: 73.6° • Lens Focal Length: 4.5 mm (equivalent: approximately 29 mm) • Lens Aperture: f/2.8 • Lens Focus: 1 m to ∞ 				

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0002 (continued)	CAMERA (Model: DJI Zenmuse H20N or Approved Equal)			
<u>TELE INFRARED THERMAL CAMERAL</u>				
<ul style="list-style-type: none"> Thermal Imager: Uncooled VOx Microbolometer Lens: DFOV: 12.5° Lens Focal Length: 44.5 mm (equivalent: approximately 196 mm) Lens Aperture: f/1.2 Lens Focus: 45 m to ∞ 				
<u>WIDE INFRARED THERMAL CAMERAL</u>				
<ul style="list-style-type: none"> Thermal Imager: Uncooled VOx Microbolometer Lens DFOV: 45.5° Lens Focal Length: 12 mm (equivalent: approximately 53 mm) Lens Aperture: f/1.0 Lens Focus: 5 m to ∞ 				
<u>LASER RANGE FINDER</u>				
<ul style="list-style-type: none"> Wavelength: 905 nmMaximum Power 3.5 mW Single Pulse Width: 6 ns Measuring Accuracy: ± (0.2 m + target distance x 0.15%) Measuring Range: 3-1,200 m (0.5 x 12 m vertical surface with 20% reflectivity) 				
<u>STORAGE</u>				
<ul style="list-style-type: none"> <u>Supported microSD Cards: Supports a UHS-I Speed Grade 3 microSD card with a capacity of up to 128 GB</u> <u>Supported File System: ExFAT</u> 				
<u>ENVIRONMENT</u>				
<ul style="list-style-type: none"> <u>Operating Temperature: -20° to 50° C (-4 to 122°F)</u> <u>Storage Temperature: -20° to 60° C (-4 to 140°F)</u> 				


SPECIFICATIONS

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0003	REMOTE CONTROLLER (Model: DJI RC PLUS Series or Approved Equal)			
BRAND / MODEL BID: <hr/> <u>Screen</u> <ul style="list-style-type: none"> • 7.02 inch LCD touchscreen, with a resolution of 1920x1200 pixels, and high brightness of 1200 cd/m² <u>Internal Battery</u> <ul style="list-style-type: none"> • Type: Li-ion (6500 mAh @ 7.2 V) • Charge Type: Supports battery station or USB-C charger maximum rated power 65W (max voltage of 20V) • Charge Time: 2 hours • Chemical System: LiNiCoAlO₂ <u>External Battery(WB37 Intelligent Battery)</u> <ul style="list-style-type: none"> • Capacity: 4920 mAh • Voltage: 7.6 V • Battery Type: Li-ion • Energy: 37.39 Wh • Chemical System: LiCoO₂ <u>Operating Time^[5]</u> <ul style="list-style-type: none"> • Internal Battery: Approx. 3 hours 18 min • Internal Battery + External Battery: Approx. 6 hours <u>Ingress Protection Rating^[3]</u> <ul style="list-style-type: none"> • IP54 <u>GNSS</u> <ul style="list-style-type: none"> • GPS+Galileo+BeiDou <u>Operating Temperature</u> <ul style="list-style-type: none"> • -20° to 50° C (-4° to 122° F) 				


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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0004	RADAR (Model: DJI Matrice 300 RTK CSM Radar) SKU: S-DJI-M300-CSMR or Approved Equal)			
 <p>BRAND / MODEL BID:</p> <hr/> <ul style="list-style-type: none"> • Circular Scanning Millimeter-Wave (CSM) Radar enables better sensing and smaller obstacle avoidance • Detection Range: between 1 to 30 m (3.3ft to 98.4ft) • Compatibility: Matrice 300 RTK 				

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0005	SPOTLIGHT (Model: CZI GL60 Plus Spotlight for Matrice 300 or Approved Equal)			
 <p>BRAND / MODEL BID:</p>				
<ul style="list-style-type: none"> • LED linear dimming • Maximum LED power 120W • 100 meters of ground illumination 24lux • Effective irradiation distance of 150m • Effective lighting area of 1225 square meters • Linear shading • Non reflective bowl design • No secondary light spot • Strong light explosion and flash mode • Can silently drive away / indicate direction • Imaging optical technology • Imaging optics • 4 sets of optical lens sets • 1 set of 4 lenses • 15 degree luminous angle • Ultra lightweight design • Fully sealed fuselage • IP55 waterproof and dustproof • New die casting heat dissipation process • 0.7 kg ultra light weight 				

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0006	COMPREHENSIVE PROTECTION (Model: DJI Care Enterprise Plus for Matrice 300 Components or Approved Equal)			
BRAND / MODEL BID: <hr/> <ul style="list-style-type: none"> Comprehensive protection for your DJI Enterprise products. Offers coverage options with unlimited replacements or free repair services for accidental damage One account protection for entire fleet. Unlimited number of products can be bought, activated and bound to DJI Care Enterprise Unlimited free replacements with no replacement fee 				

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
0007	CASE (Model: Unmanned Vehicle Technologies for Matrice 300 Components or Approved Equal)	Yes	No	
<p>BRAND / MODEL BID:</p> <hr/> <div style="text-align: center;">  </div> <ul style="list-style-type: none"> • Payload and accessories case for Matrice 300 RTK • Includes mounted 15" screen in top of case • Has a 12v battery power bank which allows up to 8 hours use at full brightness • Poly-carbonate Pelican-Style Case • Portable Power Bank included to power the 15" Monitor • Custom cut foam cut-outs for the following Matrice 300 Payloads <ul style="list-style-type: none"> DJI H20T DJI P1 TH4 Payload Drop System UVT SkyOptix GL60+ Spotlight MP130 Aerial Loudspeaker 				

SPECIFICATIONS

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0008	INTELLIGENT FLIGHT BATTERY (Model Matrice 300 Series TB60 or Approved Equal)			
<u>INTELLIGENT FLIGHT BATTERY</u> <ul style="list-style-type: none"> Capacity: 5935 mAh Voltage: 52.8 V Battery Type: LiPo 12S Energy: 74 Wh Net Weight: Approx. 1.35 kg Operating Temperature -4°F to 122°F (-20°C to 50°C): Ideal storage temperature 71.6°F to 86°F (22°C to 30°C) Charging Temperature -4°F to 104°F (-20°C to 40°C) (When the temperature is lower than 5°C, the self-heating function will be automatically enabled. Charging in a low temperature may shorten the lifetime of the battery) Charging time Using BS60 Intelligent Battery Station: 220V input: 60 minutes (fully charging two TB60 batteries), 30 minutes (charging two TB60 batteries from 20% to 90%) 110V input: 70 minutes (fully charging two B60 batteries), 40 minutes (charging two TB60 batteries from 20% to 90%) 				

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0009	INTELLIGENT BATTERY STATION (Model Matrice 300 Series BS60 or Approved Equal)			
	<ul style="list-style-type: none"> Includes: Battery station x 1; Power cable x 1 Dimensions: 510x403x252 mm Weight without battery: 8.37 kg (18 lbs) Maximum Load: 12 kg (26 lbs) Charging Time: 100-120 V, 70 mins 220-240 V, 60 mins Maximum Input Power: 1,070 W Operating Temperature: -20 ~ +40°C (-68 ~ +104°F) Compatibility: Matrice 300 RTK 			

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0010	EXTERNAL INTELLIGENT BATTERY (Model DJI WB37 or Approved Equal)			
	<ul style="list-style-type: none"> Intelligent Battery Capacity: 4920 mAh Voltage: 7.6V Type: LiPo Energy: 37.39Wh Charging time (using BS60 Intelligent Battery Station): 70 minutes (15°C to 45°C); 130 minutes (0°C to 15°C) 			

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ITEM	DESCRIPTION	Meets Specifications		DEVIATION (if applicable)
		Yes	No	
0011	FOLDING PROPELLER PAIR (Model DJI Matrice 300 2110 or Approved Equal)			
	<ul style="list-style-type: none"> Folding propellers sold in pairs with one clockwise (CW) and one counterclockwise (CCW) propeller. designed and engineered for the DJI Matrice 300 RTK drone Enable a maximum flight time of 55 minutes at altitudes below 2500 meters MSL 			

BIDDER'S ORGANIZATION

BIDDER IS:

AN INDIVIDUAL

Individual's Name: _____

Doing business as: _____

Address: _____

Telephone No.: _____ Fax No.: _____

A PARTNERSHIP

Firm Name: _____

Address: _____

Name of person authorized to sign: _____

Title: _____

Telephone No.: _____ Fax No.: _____

A LIMITED LIABILITY COMPANY

Company Name: _____

Address: _____

Name of person authorized to sign: _____

Title: _____

Telephone No.: _____ Fax No.: _____

A CORPORATION

IF BID IS BY A CORPORATION, THE CORPORATE RESOLUTION SHOULD BE SUBMITTED WITH BID

Corporation Name: _____

Address: _____

State of Incorporation: _____

Name of person authorized to sign: _____

Title: _____

Telephone No.: _____ Fax No.: _____

IF BID IS BY A JOINT VENTURE, ALL PARTIES TO THE BID SHOULD COMPLETE THIS FORM

CORPORATE RESOLUTION

A meeting of the Board of Directors of _____ a corporation organized under the laws of the State of _____ and domiciled in _____ was held this _____ day of _____, 20____ and was attended by a quorum of the members of the Board of Directors.

The following resolution was offered, duly seconded and after discussion was unanimously adopted by said quorum:

BE IT RESOLVED, that _____ is hereby authorized to submit proposals and execute agreements on behalf of this corporation with the City of Baton Rouge, and Parish of East Baton Rouge.

BE IT FURTHER RESOLVED, that said authorization and appointment shall remain in full force and effect, unless revoked by resolution of this Board of Directors and that said revocation will not take effect until the Purchasing Director of the Parish of East Baton Rouge, shall have been furnished a copy of said resolution, duly certified.

I, _____, hereby certify that I am the Secretary of _____, a corporation created under the laws of the State of _____ domiciled in _____; that the foregoing is a true and exact copy of a resolution adopted by a quorum of the Board of Directors of said corporation at a meeting legally called and held on the _____ day of _____, 20____, as said resolution appears of record in the Official Minutes of the Board of Directors in my possession.

This _____ day of _____, 20____.

SECRETARY